



Survey of Nebraska Landowner Attitudes on Pronghorn Damage

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Executive Summary

- A majority of respondents reported owning over 1,000 acres of land within an Antelope Management Unit (AMU; 80%).
- Most landowners reported that they frequently saw pronghorn on their property within the last 24 months (50%).
- Most landowners reported that the amount of pronghorn on their property was about what they preferred (38%) and most frequently reported that pronghorn caused no damage (68%).
- The most frequent variety of pronghorn damage was to landowner fencing (66%), and the majority of landowners find the damage to be somewhat unacceptable (27%) or somewhat acceptable (23%).
- The majority of landowners were unaware that the Nebraska Game and Parks Commission (NGPC) offers mitigation assistance (59%), depredation permissions (56%), and special pronghorn hunting permits to reduce pronghorn damage (66%).
- Few landowners have ever contacted NGPC for assistance with pronghorn damage (9%), and those that have most recently contacted NGPC in 2022 (16%).
- Exactly half of landowners had pronghorn hunting occur on their property. Of those 22% personally hunted pronghorn and 76% reported between 1 and 5 total pronghorn hunters on their land in 2024.

General Information

This report describes responses to questions from the 2025 “Survey of Nebraska Landowner Attitudes on Pronghorn Damage.” This survey was a tool to analyze Nebraska landowner perspectives on the pronghorn herds residing on their land, the damage caused by pronghorn herds, how landowners might be encouraged to allow pronghorn hunting on their land, and how much pronghorn-hunting landowners are currently allowing on their land. We provide information regarding the design and implementation of the survey as well as summarized responses to questions from the overall respondent pool and responses from individual Antelope Management Units.

Nebraska Landowner-Pronghorn Project Objectives

1. Gather information about Nebraska landowners who own property within Antelope Management Units
2. Assess landowner perceptions about pronghorn population size
3. Determine severity of damage caused by pronghorn to landowner property
4. Gauge landowner acceptance of property damage caused by pronghorn
5. Gain a better understanding about how landowners respond to prospective pronghorn hunters and evaluate landowner response to techniques aimed at encouraging landowners to allow more access to pronghorn hunters

Mode Selection

Biologists at the Nebraska Game and Parks Commission and the University of Nebraska held several meetings to design the survey instrument that would properly meet the objectives. A postal survey was used to determine the views of Nebraska landowners. Using this vehicle to collect information allows researchers to generalize results to a larger population. Surveys were mailed to a sample of landowners who owned property in at least one of the 10 Nebraska Antelope Management Units. Invitations were distributed on February 5, 2025. A reminder survey was mailed to all landowners on March 7, 2025. A The survey period closed on March 21, 2025.

Survey Results

1) In which Antelope Management Unit is the majority of your land located?

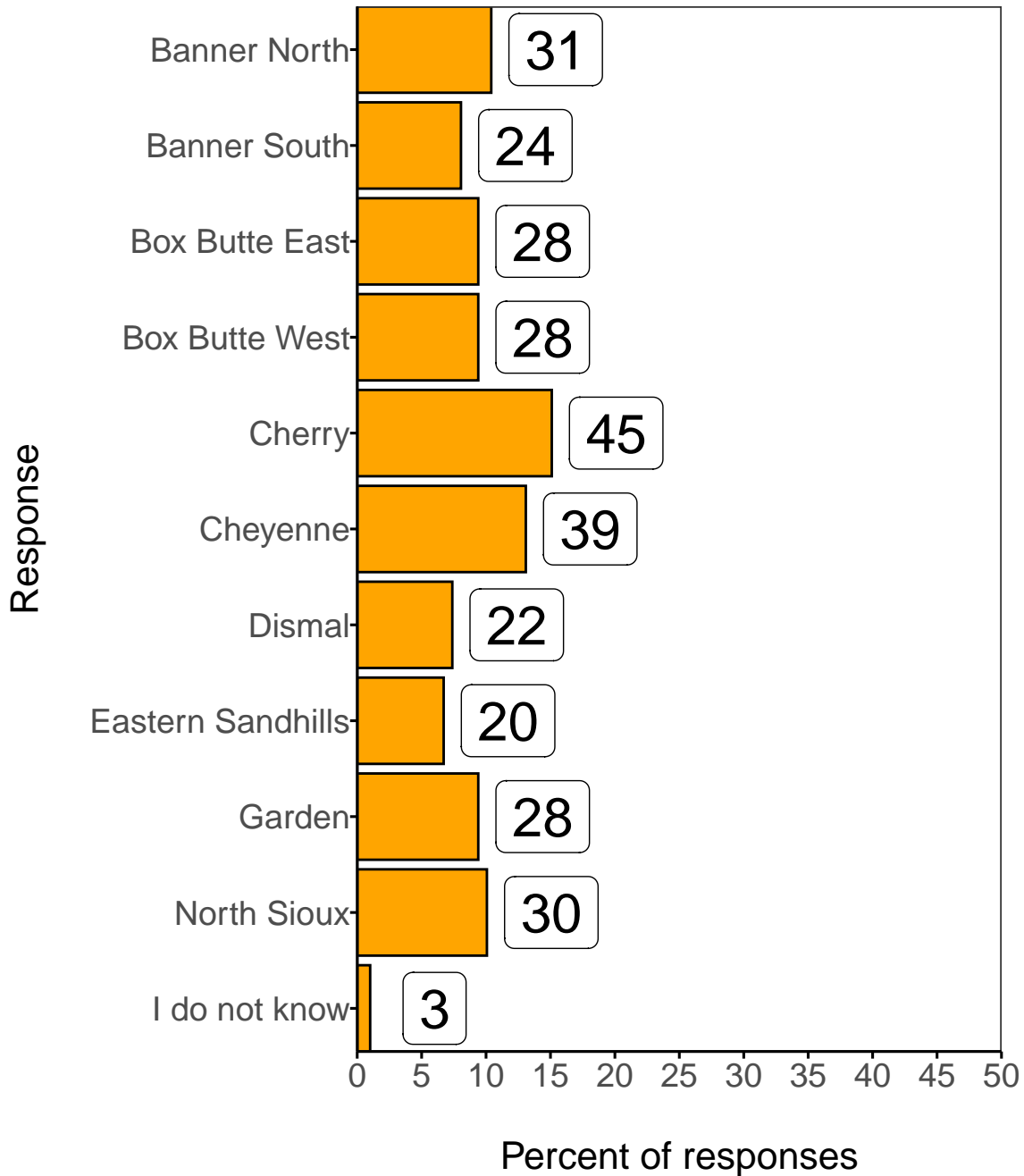


Figure 1: The Nebraska Antelope Management Unit in which respondents of the 2025 Landowner Antelope Survey hold the majority of their land. The x-axis indicates the percentage of all respondents and the number to the right of the horizontal orange bars represents the actual number of respondents (N = 298).

2) About how many acres do you operate (own or lease) for agricultural purposes?

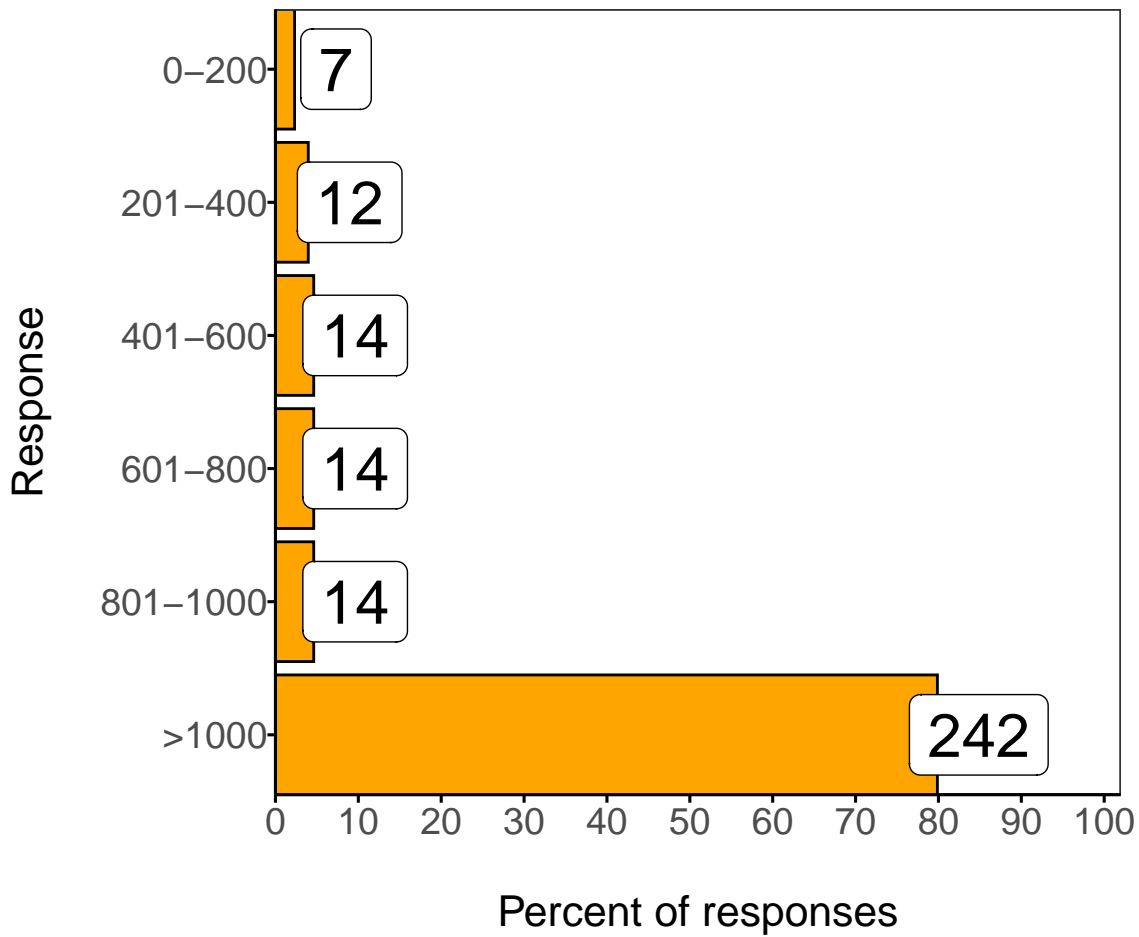


Figure 2: The approximate number of acres owned or leased by landowners as indicated by respondents to the 2025 Landowner Antelope Survey. The x-axis indicates the percentage of all respondents and the number to the right of the horizontal orange bars represents the actual number of respondents (N = 303).

3) To your knowledge, how frequently did you have antelope on your land in the past 24 months?

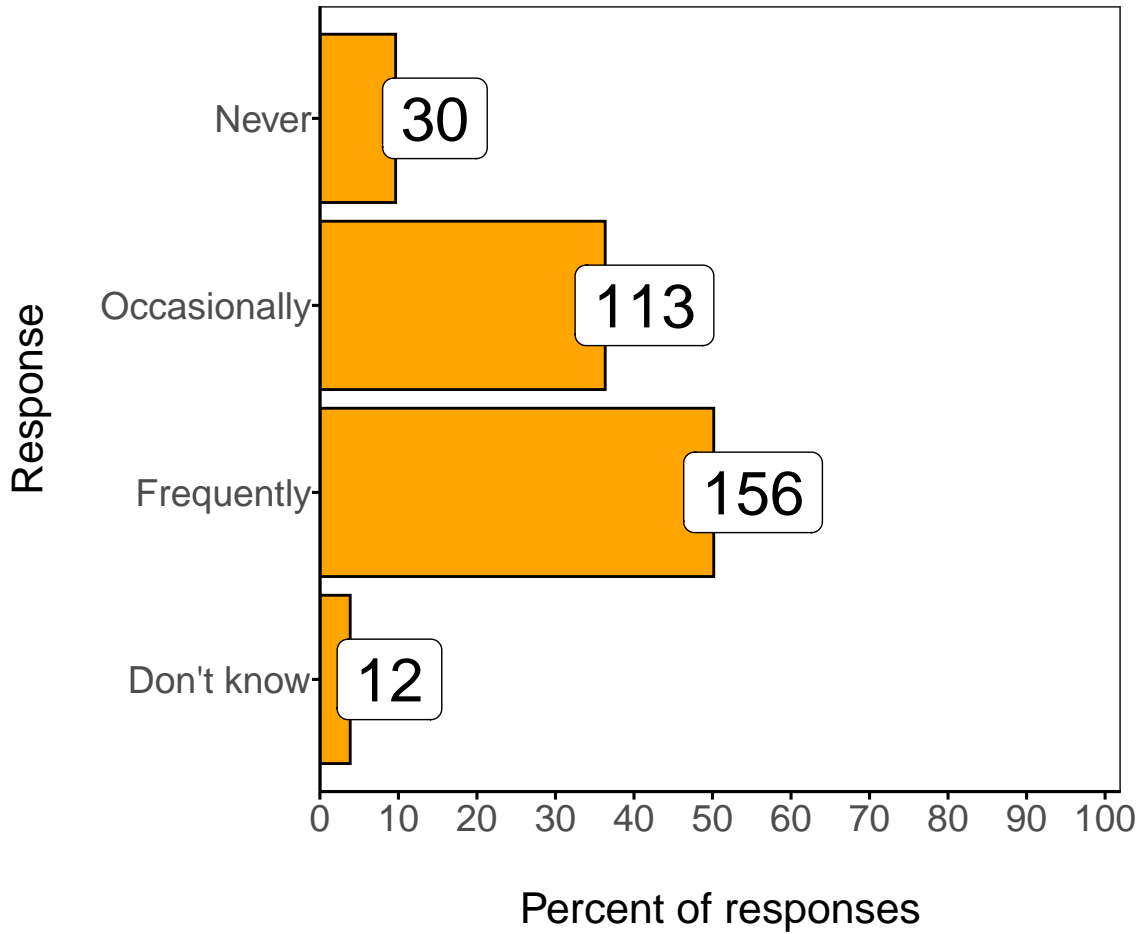


Figure 3: The frequency in which landowners had pronghorn on their land as indicated by respondents to the 2025 Landowner Antelope Survey. The x-axis indicates the percentage of all respondents and the number to the right of the orange bars represents the actual number of respondents ($N = 311$).

4) How do you feel about the number of antelope on your land in the past 24 months?

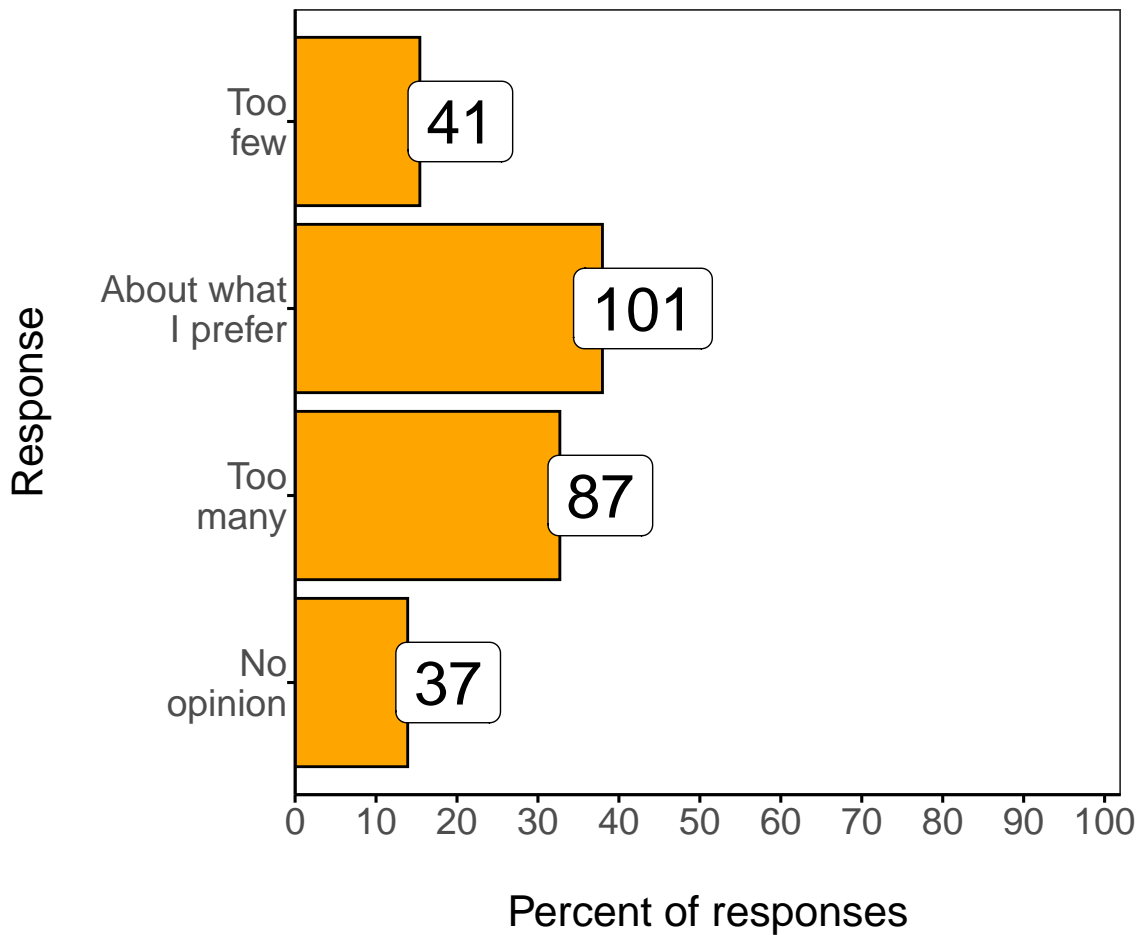


Figure 4: Attitude about the number of pronghorn that were present on the landowners' property in the previous 24 months indicated by respondents to the 2025 Landowner Antelope Survey. The x-axis indicates the percentage of all respondents and the number to the right of the orange bars represents the actual number of respondents. Responses are limited to those who reported having pronghorn on their land ($N = 266$).

5) How much, if any, damage from antelope occurred on your land during the past 24 months?

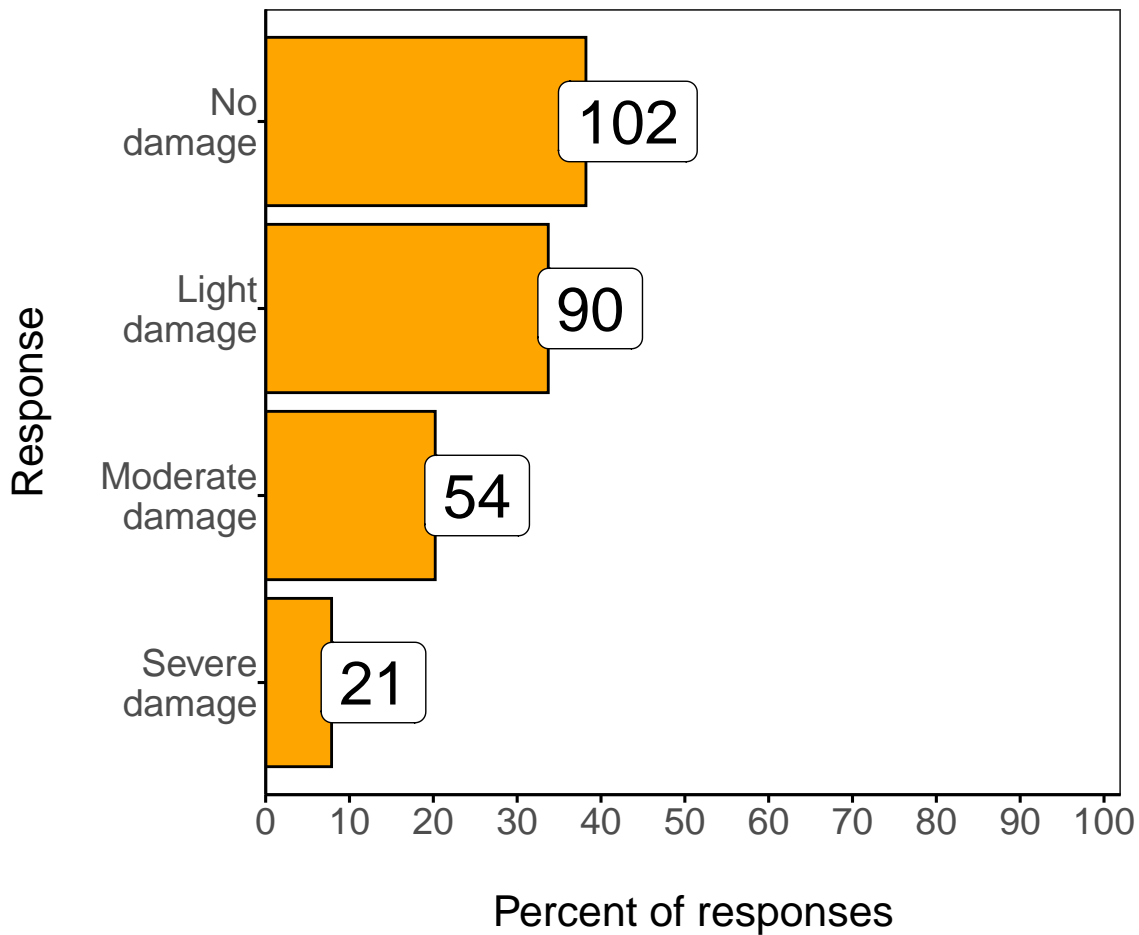


Figure 5: The severity of damage caused by pronghorn to landowner property in the previous 24 months indicated by respondents to the 2025 Landowner Antelope Survey. The x-axis indicates the percentage of all respondents and the number to the right of the orange bars represents the actual number of respondents. Responses are limited to those who reported having pronghorn on their land ($N = 267$).

5a) How acceptable or unacceptable is the amount of damage inflicted by Antelope in the past 24 months?

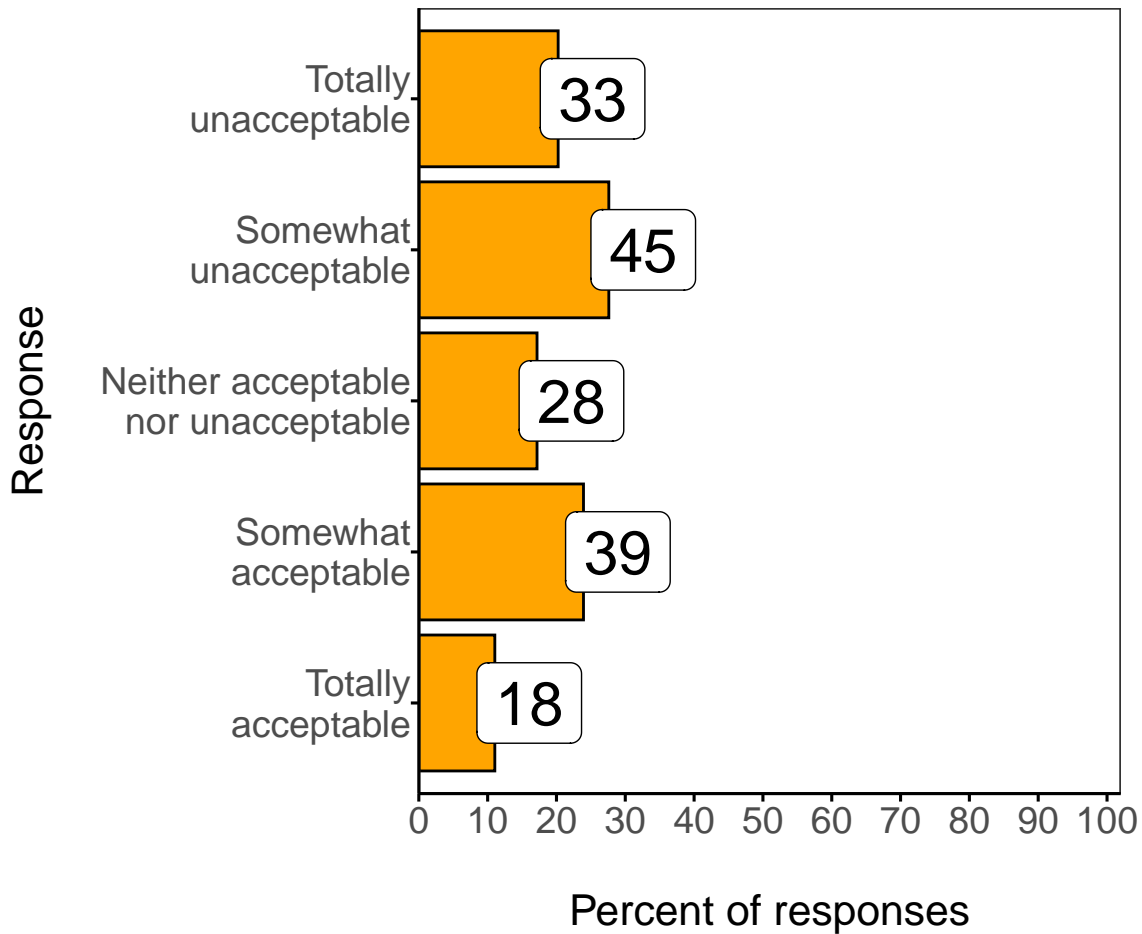


Figure 6: Acceptability of damage caused by pronghorn to landowner property in the previous 24 months indicated by respondents to the 2025 Landowner Antelope Survey. The x-axis indicates the percentage of all respondents and the number to the right of the orange bars represents the actual number of respondents. Responses are limited to those who reported that damage occurred ($N = 163$).

5b) What kind of damage from antelope occurred on your land during the past 24 months?
(check all that apply)?

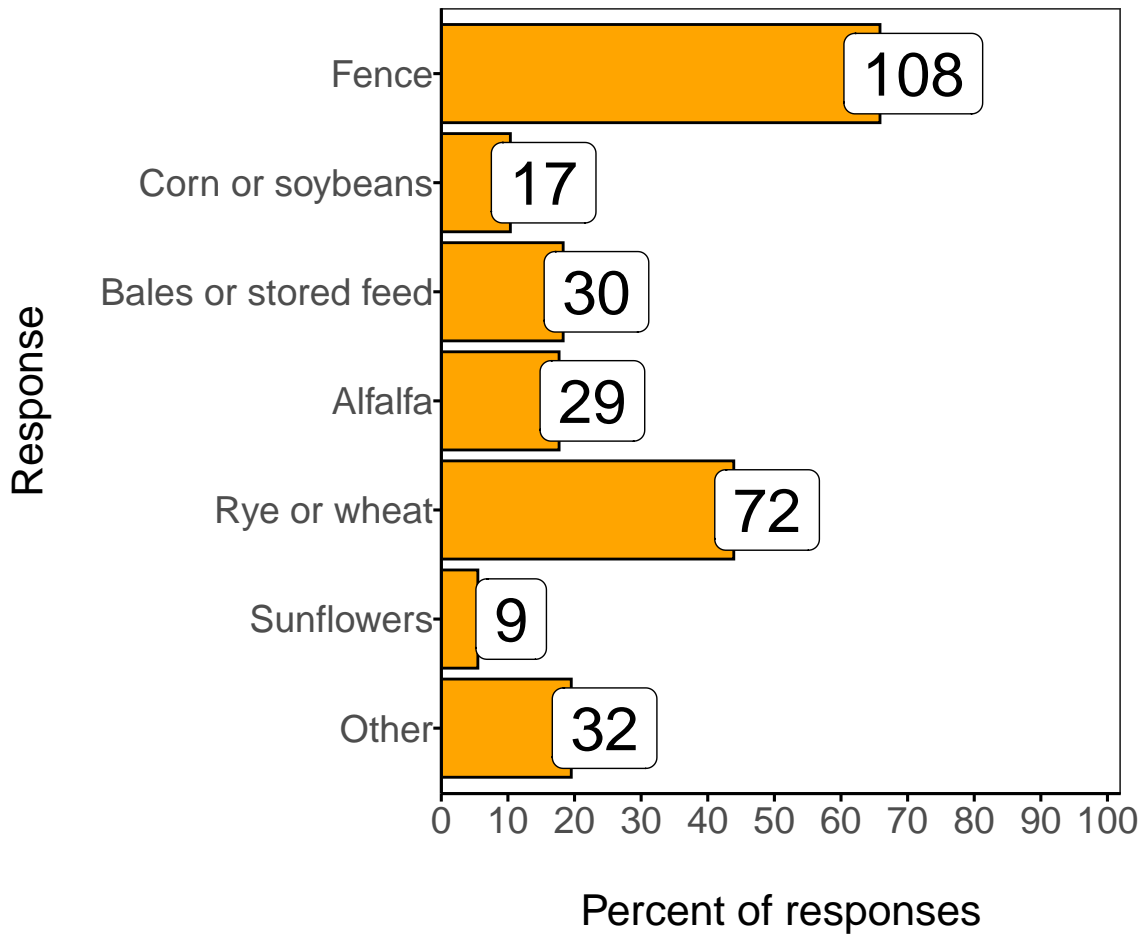


Figure 7: The kind of damage caused by pronghorn to landowner property in the previous 24 months indicated by respondents to the 2025 Landowner Antelope Survey. The x-axis indicates the percentage of all respondents and the number to the right of the orange bars represents the actual number of respondents. Responses are limited to those who reported that damage occurred (N = 164).

6) Are you aware that the Nebraska Game and Parks Commission has mitigation techniques, supplies, and materials available to help reduce damage from antelope?

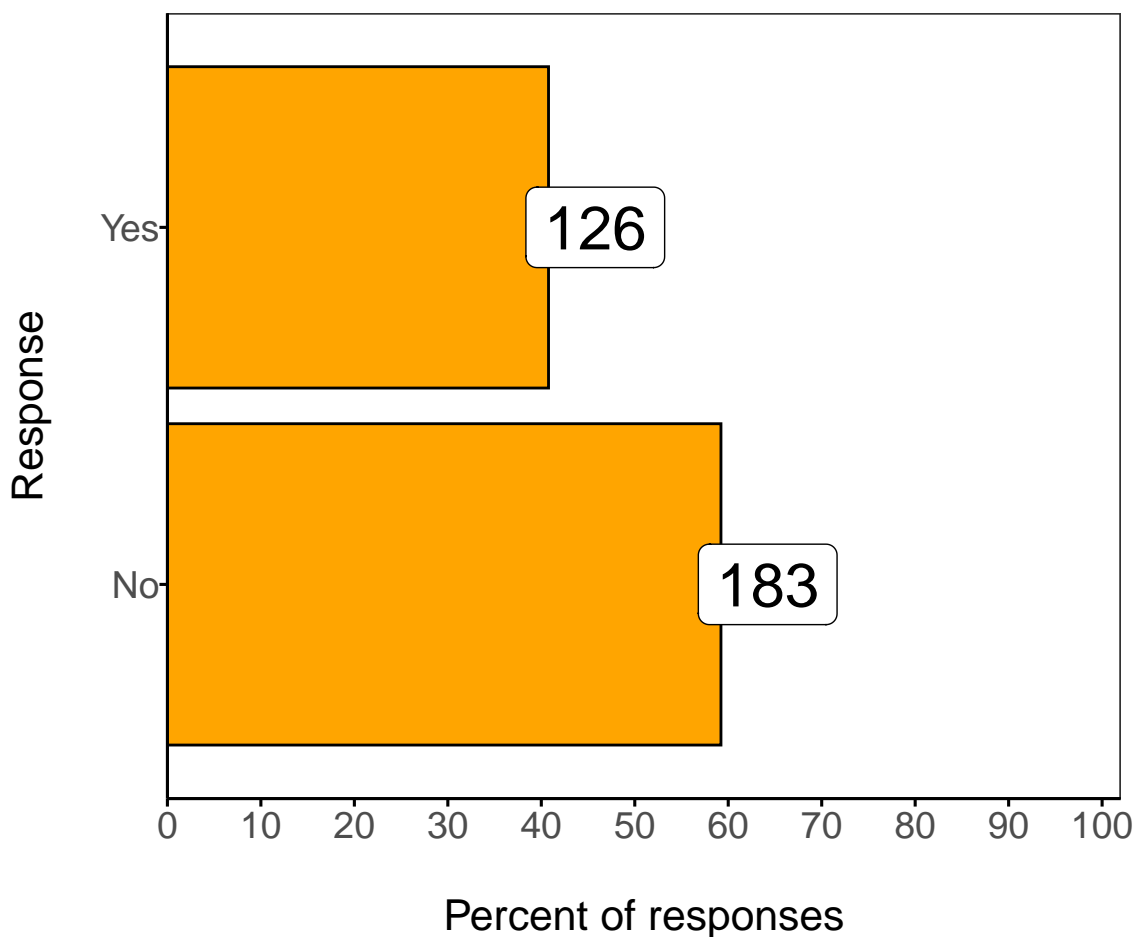


Figure 8: Awareness of NGPC pronghorn-mitigation indicated by respondents to the 2025 Landowner Antelope Survey. The x-axis indicates the percentage of all respondents and the number to the right of the orange bars represents the actual number of respondents ($N = 309$).

7) Are you aware that the Nebraska Game and Parks Commission can add landowners to a depredation list that would allow hunters to contact you for permission to hunt antelope?

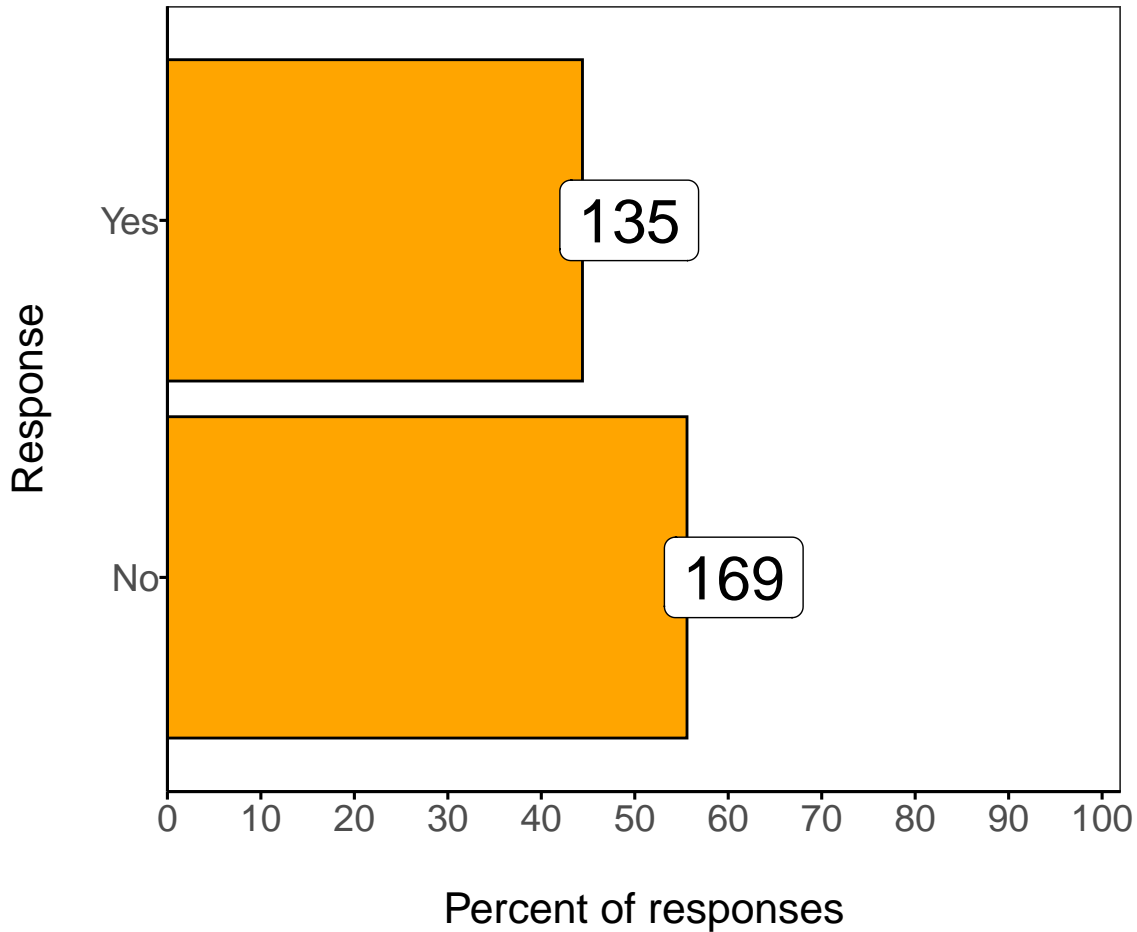


Figure 9: Awareness of NGPC ability to add landowners to depredation list indicated by respondents to the 2025 Landowner Antelope Survey. The x-axis indicates the percentage of all respondents and the number to the right of the orange bars represents the actual number of respondents (N = 304).

8) Are you aware that the Nebraska Game and Parks Commission may issue permits to landowners to kill antelope outside the hunting season to help reduce damage to their property?

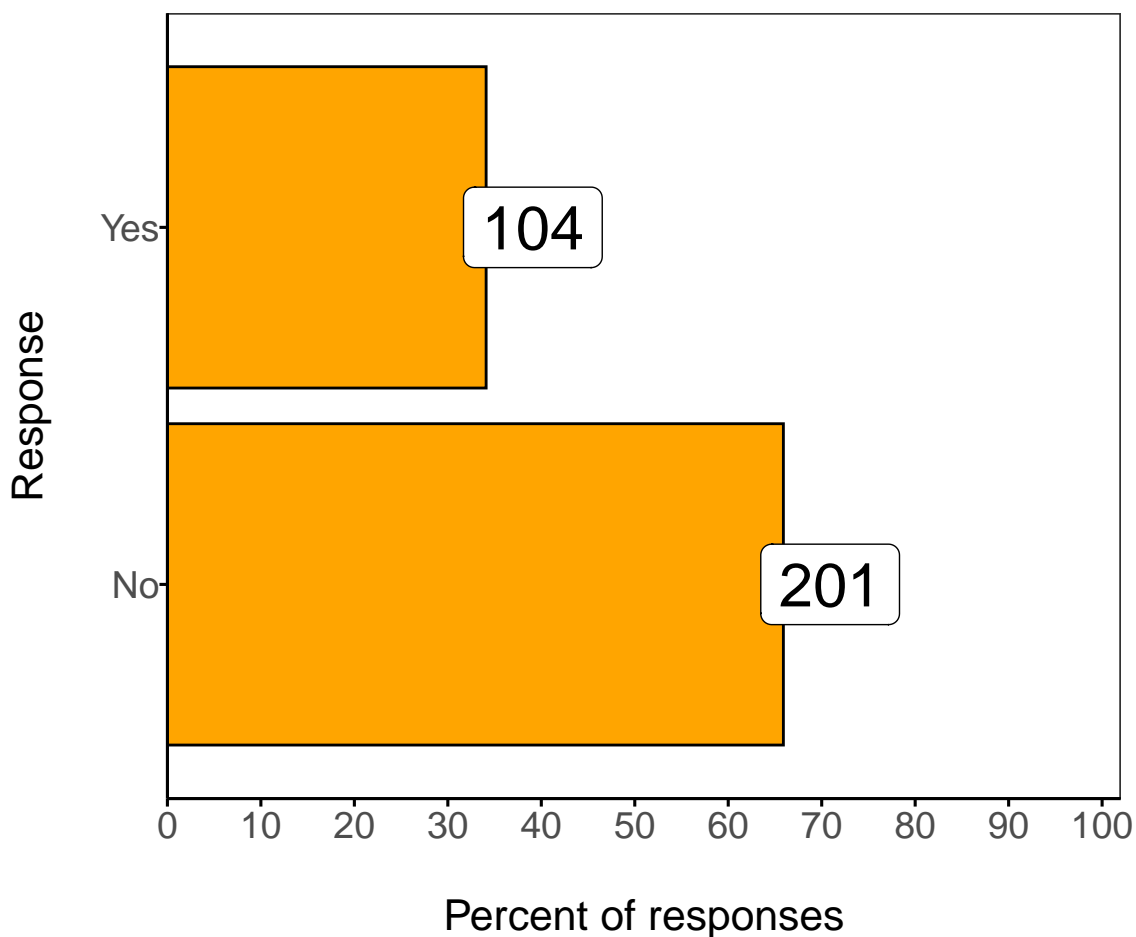


Figure 10: Awareness of NGPC ability to issue special permits indicated by respondents to the 2025 Landowner Antelope Survey. The x-axis indicates the percentage of all respondents and the number to the right of the orange bars represents the actual number of respondents ($N = 305$).

9) Have you ever contacted the Nebraska Game and Parks Commission for assistance in reducing antelope damage on your land?

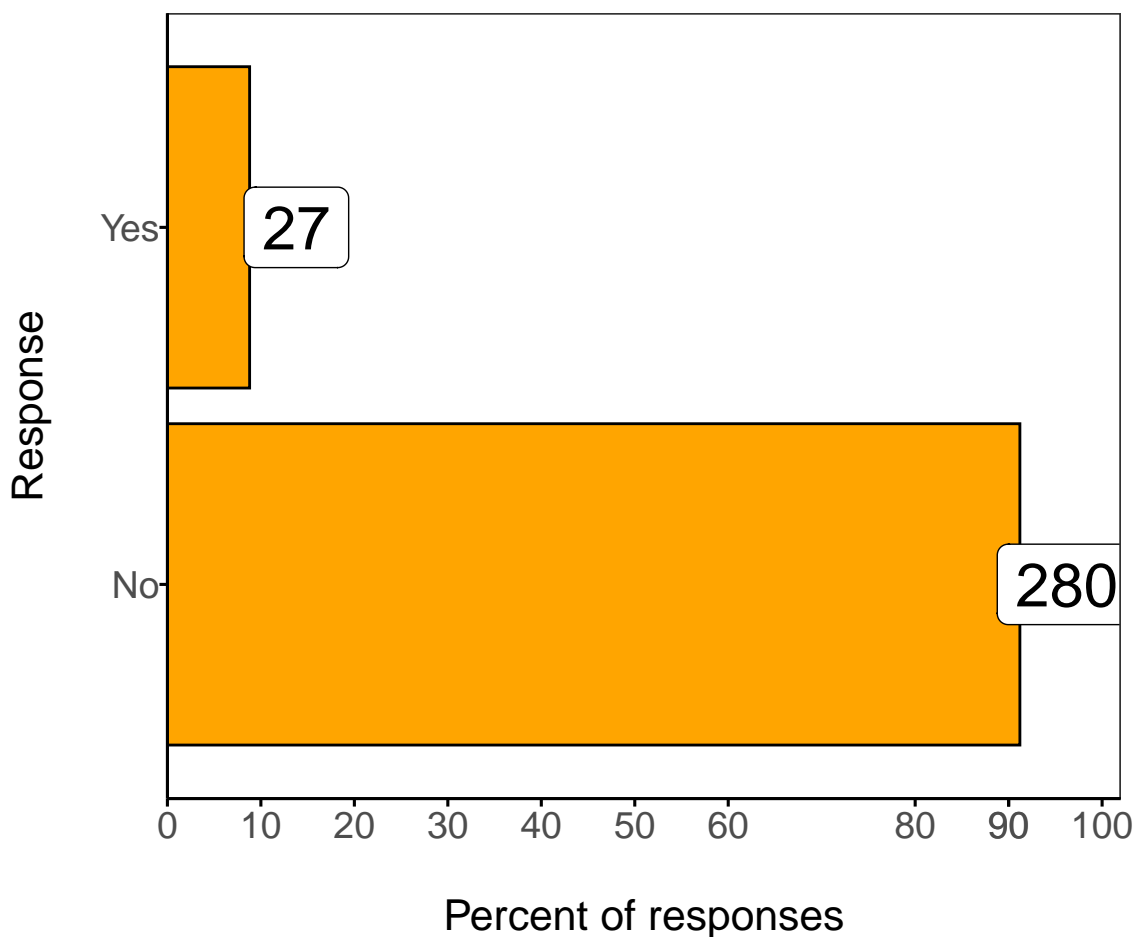


Figure 11: Whether or not landowner ever contacted NGPC for assistance in reducing antelope damage indicated by respondents to the 2025 Landowner Antelope Survey. The x-axis indicates the percentage of all respondents and the number to the right of the orange bars represents the actual number of respondents (N = 307).

9a) In what year did you last contact the Nebraska Game and Parks Commission concerning damage caused by antelope?

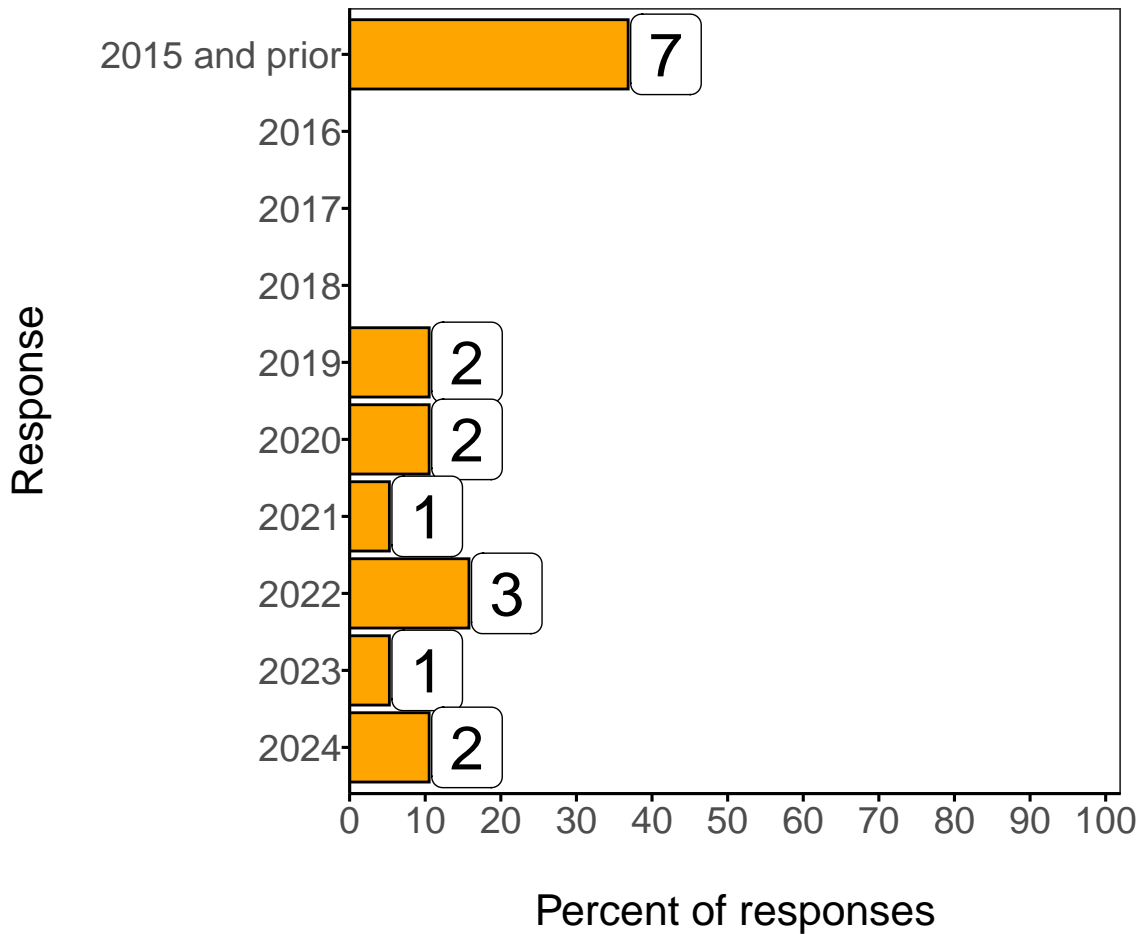


Figure 12: Year in which landowners most recently contacted Nebraska Game and Parks concerning damage caused by pronghorn indicated by respondents to the 2025 Landowner Antelope Survey. The x-axis indicates the percentage of all respondents and the number to the right of the horizontal orange bars represents the actual number of respondents. Responses are limited to those who reported that they contacted NGPC (N = 19).

9b) How satisfied or dissatisfied were you with the assistance you received?

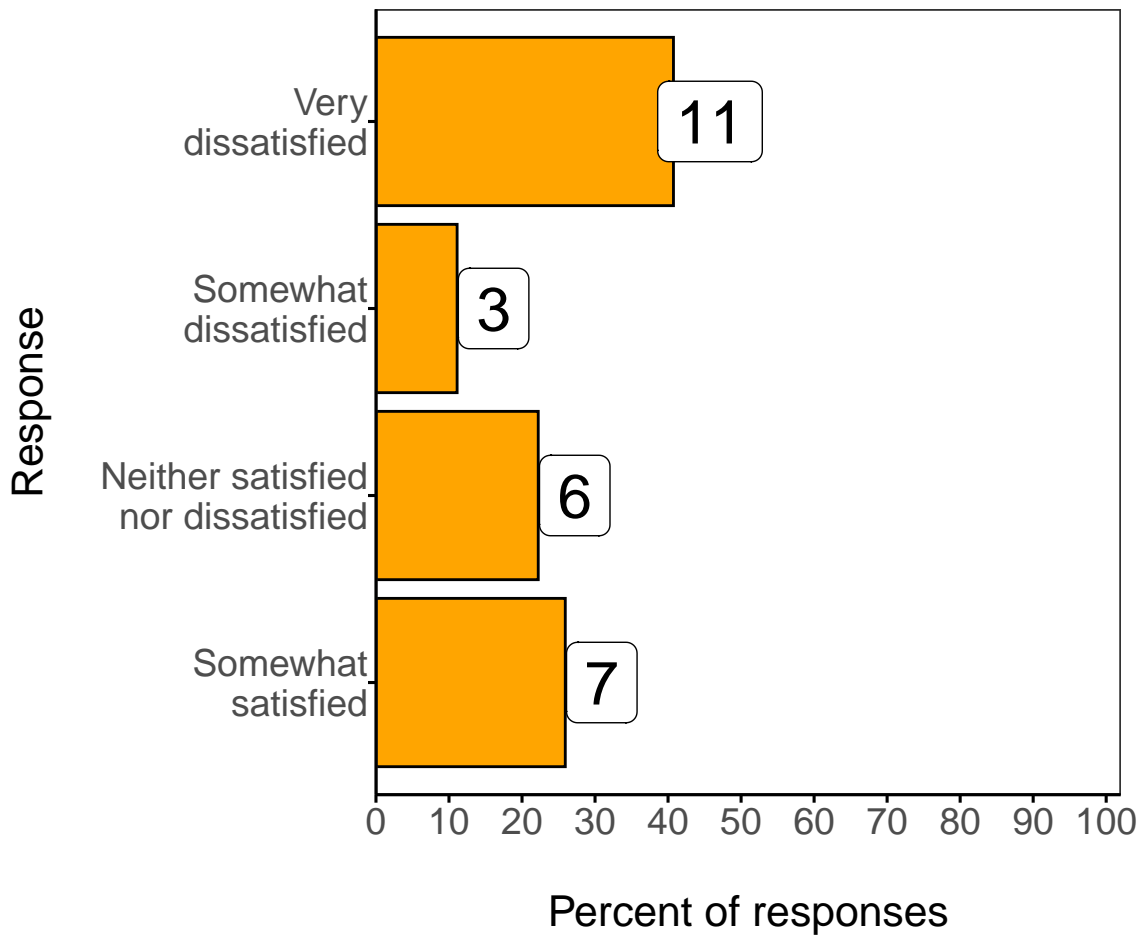


Figure 13: Satisfaction with NGPC indicated by respondents to the 2025 Landowner Antelope Survey. The x-axis indicates the percentage of all respondents and the number to the right of the orange bars represents the actual number of respondents. Responses are limited to those who reported that they contacted NGPC ($N = 27$). There were no responses from landowners owning property in the Eastern Sandhills AMU.

10) Did anyone (including yourself) hunt antelope on your land in the past 24 months?

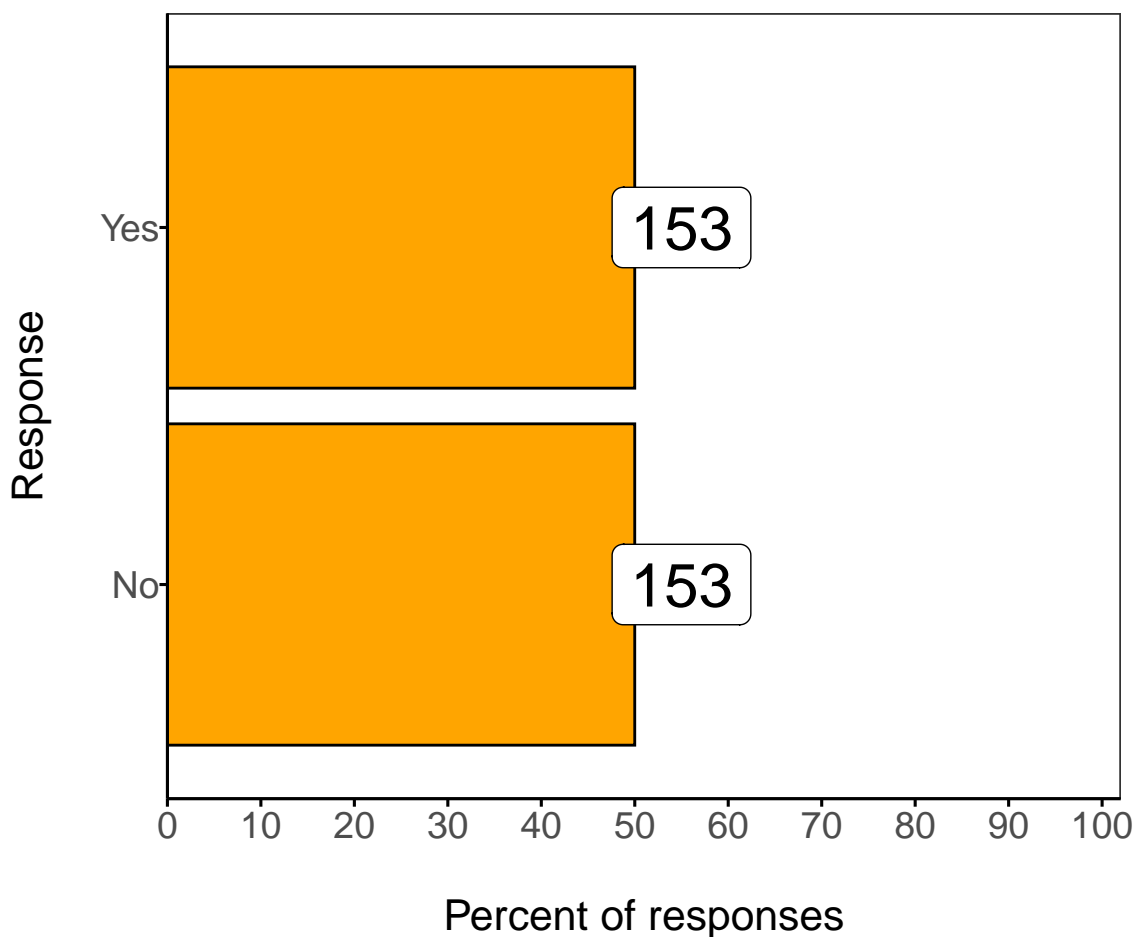


Figure 14: Whether anyone hunted pronghorn on landowner property in the previous 24 months indicated by respondents to the 2025 Landowner Antelope Survey. The x-axis indicates the percentage of all responses and the number to the right of the orange bars represents the actual number of responses ($N = 306$).

10a) Did you yourself hunt antelope on your land in the past 24 months? (select all that apply)

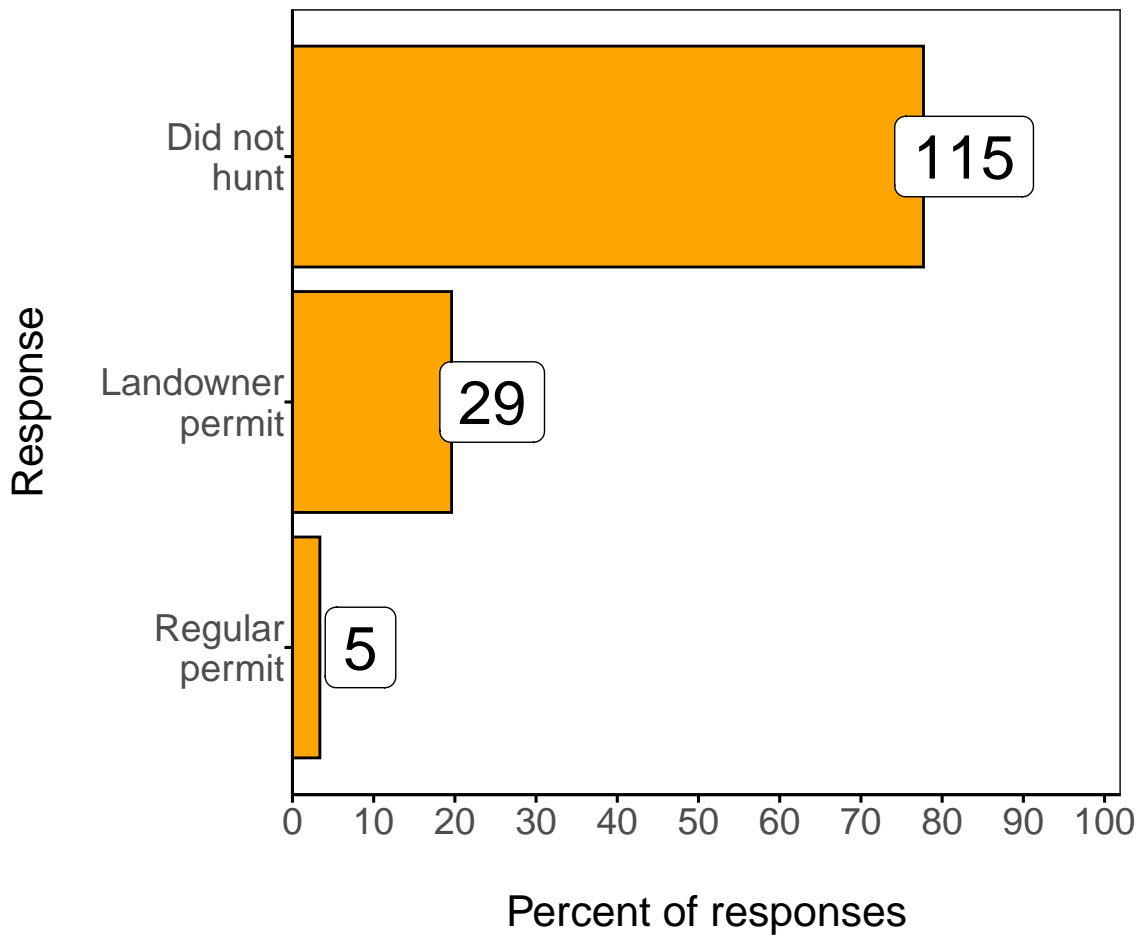


Figure 15: Type of permit landowner used to personally hunt pronghorn on their land in the previous 24 months indicated by respondents to the 2025 Landowner Antelope Survey. The x-axis indicates the percentage of all responses and the number to the right of the orange bars represents the actual number of responses ($N = 148$). Totals may exceed N as respondents could have chosen multiple responses. Responses are limited to those who reported that pronghorn hunting occurred on their property in 2024.

10b) Who else did you allow to hunt antelope on your land?

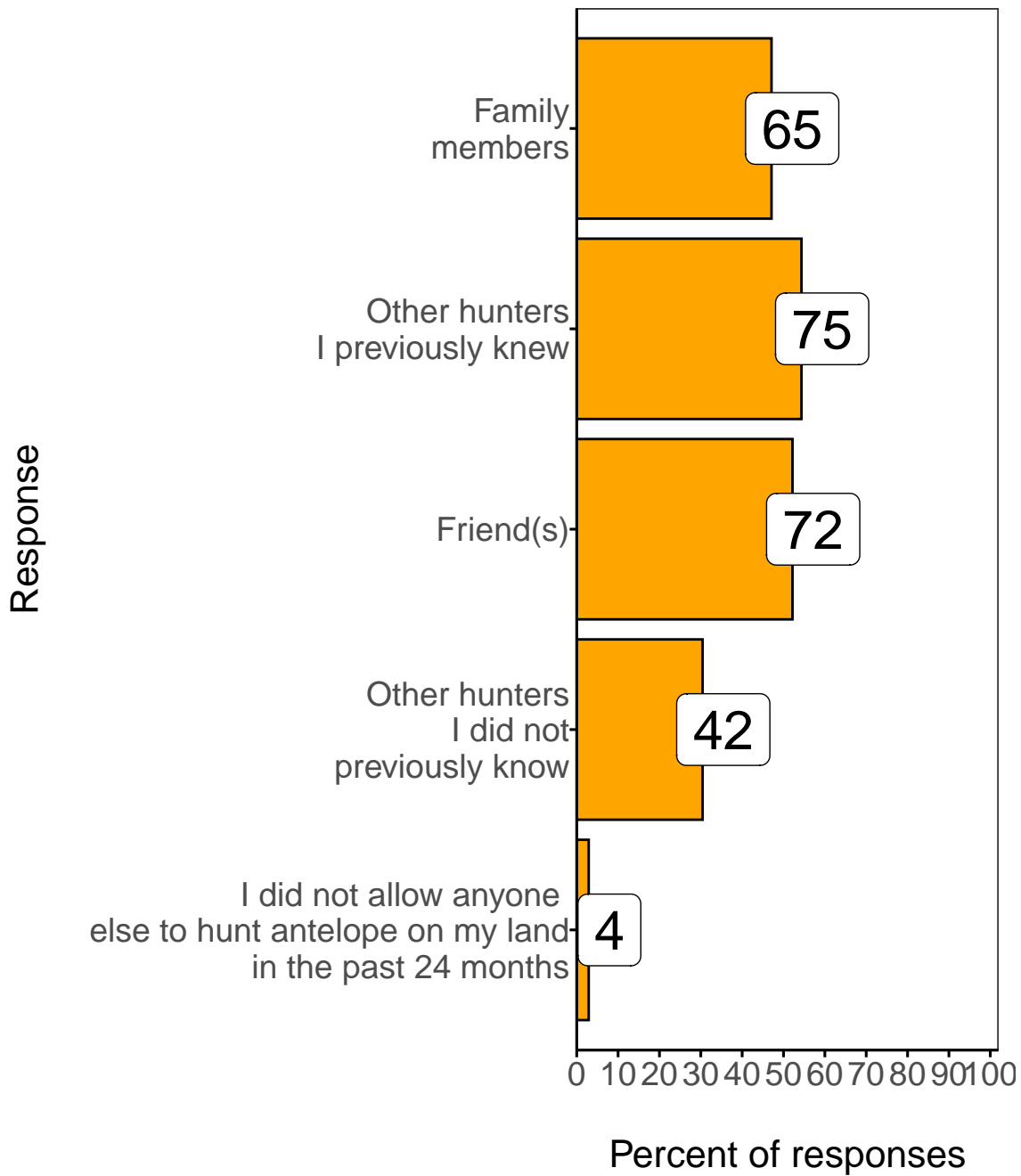


Figure 16: Persons other than the landowner who hunted antelope on the landowner's property indicated by respondents to the 2025 Landowner Antelope Survey. The x-axis indicates the percentage of all responses and the number to the right of the horizontal orange bars indicates the actual number of responses (N = 138).

10c) How many total individuals (including yourself) hunted antelope on your land in the 2024 antelope hunting season?

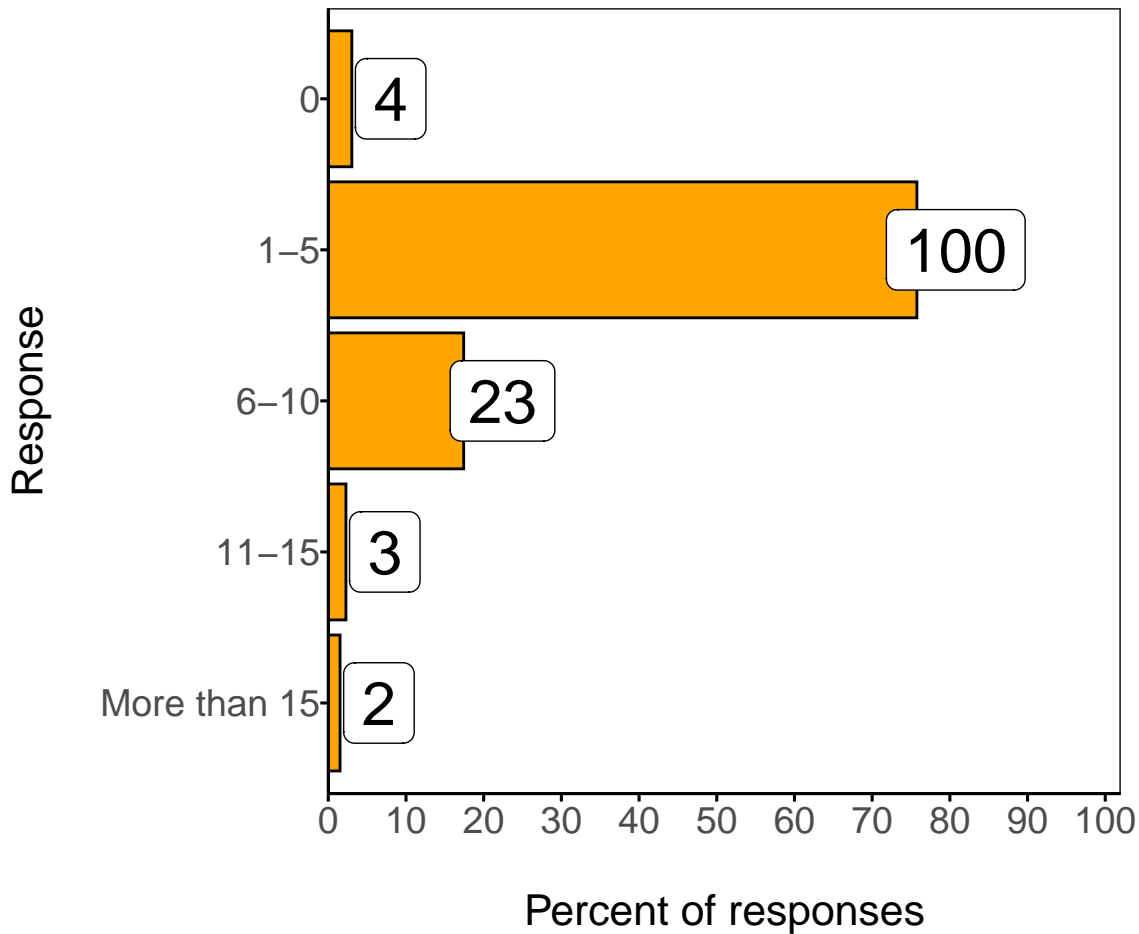


Figure 17: The total number of individuals who hunted pronghorn on the landowners' property in the past 24 months indicated by respondents to the 2025 Landowner Antelope Survey. The x-axis indicates the percentage of all respondents and the number to the right of the orange bars represents the actual number of respondents ($N = 132$). Responses are limited to those who reported that pronghorn hunting occurred on their property in 2024.

10d) How many antelope were harvested on your land in 2024?

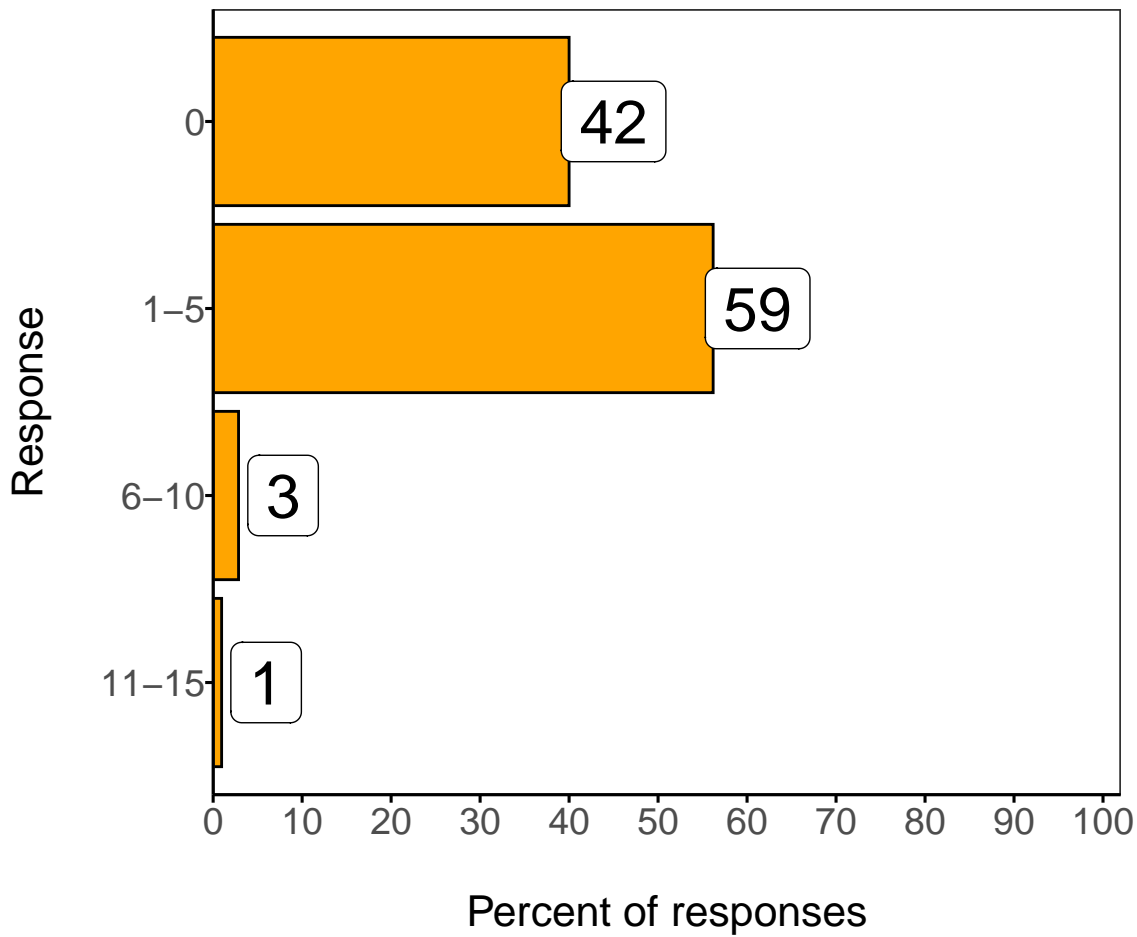


Figure 18: Total number of pronghorn harvested on landowner property indicated by respondents to the 2025 Landowner Antelope Survey. The x-axis indicates the percentage of all respondents and the number to the right of the orange bars represents the actual number of respondents. Responses are limited to those who responded that someone hunted pronghorn on their property in 2024 ($N = 105$).